

CLAIMS:

1. A lighting unit provided with a concave reflector having an axis of symmetry and a light emission window bounded by a circumferential edge of the reflector that is transverse to said axis,

an elongate body arranged substantially axially on the axis of symmetry and
5 accommodated in a holder opposite the light emission window,

an axially positioned cap serving as an optical screening means which
surrounds the light source at least partly so as to intercept unreflected light rays,
characterized in that the light source is surrounded by a sleeve having an end facing the light
emission window, and the cap is positioned over the sleeve adjacent said end by means of a
10 locking element provided at the sleeve.

2. A lighting unit as claimed in claim 1, characterized in that the cap is provided
with a screening ring which is impermeable to light and which extends transversely to the
axis of symmetry.

3. A lighting unit as claimed in claim 1, characterized in that the screening ring is
provided with a ring edge facing towards the light source, and the locking element is
provided with a tag-shaped element that grips into the ring edge with spring force radially
away from the light source.

4. A lighting unit as claimed in claim 1, characterized in that the sleeve is
provided with an outer surface in which at least one recess is present into which a portion of
the locking element grips.

5. A lighting unit as claimed in claim 4, characterized in that the locking element
grips partly into a mating recess in the sleeve and at the same time lies enclosed with another
portion in a mating locking holder of the cap.

6. A lighting unit as claimed in any one of the preceding claims, wherein the reflector and the light source are indetachably integrated into a lamp.

7. A lamp as claimed in claim 6, characterized in that the holder is provided with a locking mechanism adjacent a connection to the light source and the sleeve.

8. A lamp as claimed in claim 6, characterized in that the lamp is a metal halide lamp with a ceramic discharge vessel.

9. A lamp as claimed in claim 6, characterized in that the lamp is provided with a ceramic lamp base which is connected to the assembly of reflector and light source by means of cement, and in that said cement forms an interlocking fixture.